

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

Listing of Claims:

1-44. (Cancelled)

45. (Currently Amended) A delivery composition comprising:

a) a calcium phosphate comprising an amorphous calcium phosphate (ACP) or a poorly crystalline apatitic (PCA) calcium phosphate; and

b) an antigen or vaccine;

~~wherein said calcium phosphate comprises greater than or equal to 40 wt% of said composition, and~~ wherein said composition is formulated as an injectable paste that hardens in an endothermic reaction at body temperature to form a poorly crystalline apatitic calcium phosphate.

46. (Previously Presented) The composition of claim 45, wherein said antigen or vaccine comprises a nucleic acid molecule.

47-57. (Cancelled)

58. (Previously Presented) The composition of claim 45, wherein said delivery composition further comprises a second calcium phosphate selected from the group consisting of amorphous calcium phosphate, poorly crystalline calcium phosphate, dicalcium phosphate dihydrate, tricalcium phosphate, tetracalcium phosphate, and octacalcium phosphate.

59. (Previously Presented) A method for stimulating an immune response in a mammal, said method comprising administering the composition of claim 45, 46, or 58 to said mammal.

60-72. (Cancelled)

73. (Previously Presented) The method of claim 59, wherein said mammal is a human.

74. (Cancelled)

75. (Previously Presented) The method of claim 58, wherein said calcium phosphate comprises amorphous calcium phosphate and dicalcium phosphate dehydrate.

76. (Previously Presented) The composition of claim 45, wherein said composition comprises an antigen.

77. (Previously Presented) The composition of claim 45, wherein said composition comprises a vaccine.

78. (New) The delivery composition of claim 45 further comprising a physiologically acceptable aqueous medium.